

# Program Increment 5 Risks / Issues

SAFe risk rules are [here](#)

ID	Team	Risk	Status	Owner	Date Updated	Prob	Impact	Mitigation/Action	Mitigation Due Date
Open Risks									
2	CD/CI	If Nexus is more complex than expected, then we may be unable to pull it into Bamboo by the end of the PI.	Owned	Chris L.	4/20/17	3	3	Need to know what level of complexity is expected?  Need Bamboo POC to talk with Thomas Huang about how his deployment works.	
3	CD/CI	If CAAAS is more complex than expected, then we may be unable to pull it into Bamboo by the end of the PI.	Owned	Peter	4/5/17	2	1		
4	CMR	Given that the services design prototype is not well understood, if the work to support the prototype is greater than estimated, then planned work will be affected.	Owned	Dana	4/20/17	2	1	Held meeting with all impacted developers on 4/3 to develop more detailed stories after a careful review of the prototype and original paper. Expectations are that we should meet our PI commitments based on their more detailed understanding of the work.	
7	Earthdata	Given that we have vendor support through May 31, if we don't install Jama Tasktop by the end of May, then additional funds may be required for integration if vendor support is required.	Owned	Peter	4/5/17	2	3	If this slips, will coordinate with vendor to try to extend support.	
11	GITC	If we find bugs in Cumulus while automating deployments, then there may be delays as DevSeed fixes them or additional resources will be required for us to fix them.	Owned	Katie					
13	GITC	Given that architecture alignment work is indefinite, if more work is required than planned, additional resources may be required.	Owned	Peter	5/11/17	3	3	Expect more details in the coming week.	
17	NGAP	Given the Cumulus unknowns, if there is more work involved than anticipated, then additional resources will be required.	Owned	Peter	5/11/17	2	2	We have documented and planned all the knowns. Meeting scheduled for 5/16 that may impact PI6.	
18	NGAP	Given that Sandbox access requires a NASA token to access, if non-NASA DAACs cannot access the Sandbox then we will be unable to on-board their applications.	Owned	Peter	5/11/17	2	2	The on-boarding efforts are owned by the Government. Of the known applications that are impacted, Rahul and Katie are the lead. Not an issue for this PI except possibly for GITC.	
19	Services Gateway	Given that ports need to be opened to allow EDF testing with ArcMap, If the EDF is not configured properly then testing will not be possible this PI.	Owned	Homi	5/4/17	2	4		
20	CMR common	If NSIDC finds many blocker issues close to the May UAT deadline, then we will not be able to meet their deadline.	Mitigated	Dana				Reserve planned in	
21	CMR common	If Tim is pulled to assist MMT/PUMP shutdown, then some objectives may not be met this PI.	Mitigated	Dana				Reserve planned in	
22	EI	If CDM has negative impacts on EED-2 applications/systems, then CDM deployment may not be completed on time.	Mitigated	Homi				Homi to identify impacts to applications	
23	GITC	If we need to deploy Cumulus multiple times, then additional resources than what is planned may be required.	Mitigated	Peter				Write deployment scripts	
24	GITC	If there are CMR delays, then Marc may not be available for GITC beginning with Sprint 2 as planned.	Mitigated	Peter				Reserve planned in	
25	GITC	If potential changes in OnEarth 2.0 sub modules are more substantial than expected, then it may impact NGAP deployment.	Mitigated	Peter				Do not deploy sub module to sub module communication between Apache instances	
26	MMT	If PUMP transition in April (4/5-4/26) requires more resources than expected, then some objectives may not be met.	Mitigated	Dana				Reserve planned in	
27	ClearCase Migration	Given that all team members are part-time, if other tasks take priority then objectives may not be met this PI.	Accepted	Kristene					

28	EDSC	If CMR cloud transition takes more effort than required, then planned work will be affected.	Accepted	Dana					
29	GITC	If Cumulus 2.0 does not pass the test plan, then NGAP migration may be delayed or require rework.	Accepted	Peter					
31	L1/L2	If SMAP-S data is more complex or differs in content from what is expected, then SMAP-S work will not be completed this PI.	Accepted	Kristene					
32	L3/L4	If VIIRS L3 data (VNP21's, 13A's, 13C's and 14A's) is not received by 5/15, then ability to HEG will not occur this PI.	Accepted	Kristene					
33	L3/L4	If L3 VNP10A1 data is not received by 5/15, then ability to HEG will not occur this PI.	Accepted	Kristene					
34	Services Gateway	If ESRI is not responsive to support needs, then the ArcGIS work may not complete this PI.	Accepted	Kristene					
Closed Risks -- Unrealized									
1	CD/CI	If Giovanni is more complex than expected, then we may be unable to pull it into Bamboo by the end of the PI.	Owned	Chris L.	4/20/17	3	3	CLOSED: The CD/CI tem met with the Giovanni team on 5/4/17. The team is comfortable with the proposed approach  Need to know what level of complexity is expected?  Need Bamboo POC to talk with Giovanni team about how their deployment works.	5/11/17
5	CMR	If CMR NGAP OS patching compliance cannot be completed by 4/19, then the OPS cutover will be delayed.	Owned	Dana	4/20/17	2	3	Closed: Not realized.	
6	CMR	If CMR ingest performance is insufficient for production cutover, then additional unplanned work will be required.	Owned	Dana	4/20/17	1	4	Closed: Ingest performance not an issue for production cutover.	
9	EI	Given that there are a lot of unknowns about CDM BigFix and RES agents, if issues arise then additional resources may be required to complete on time.	Owned	Homi	5/11/17	3	2	Closed: The RES agent component was postponed outside of the PI. And the BigFix component was delayed and the effort within the PI was descoped by NASA	
12	GITC	If we are unable to use NGAP-Raytheon AWS account to prototype IAM permissions, then we will be unable to determine required permissions for GITC in time.	Owned	Peter	5/11/17	2	2	Working on testing IAM changes in the Raytheon account	
15	NGAP	If the new VPC from CSPO is misconfigured or delayed, then onboarding may be delayed.	Owned	Peter	5/11/17	1	2	Closed: Not realized	
16	NGAP	If there are major/unexpected problems related to CMR OPS deployment, then additional time or resources may be required to complete this PI.	Owned	Peter	4/5/17	1	1	Closed: OPS deployment completed on time.	
30	L1/L2	If SMAP-S data is not received by 5/1, then the associated SMAP-S work will not be completed this PI.	Accepted	Kristene				SMAP-S data received week of 4/3.	
Closed Risks -- Realized									
8	EI	If CDM agents are not received by April 14, then CDM deployment may not be completed on time.	Owned	Homi	4/27/17	4	4	Closed: Agent deployment has been delayed by NASA	
10	EI	If there are Res agent compatibility issues, then CDM deployment may not be completed on time.	Owned	Homi	4/27/17			Closed: Agent deployment has been delayed by NASA	
14	NGAP	If CSPO disallows the Exceedium console for sandbox users, then users will have difficulty managing their applications.	Owned	Peter	5/11/17	2	2	Closed: Will not affect this PI as no early onboards affected	
35	Services Gateway	Given that ports need to be opened to allow EDF testing with ArcMap, if permission is not received from EISOC to open the ports then testing will not be possible this PI.	Owned	Homi	5/11/17	2	4	Closed: Not realized	